

California Regional Water Quality Control Board
North Coast Region

Cleanup and Abatement Order No. 99-10

for

Anderson Valley Unified School District Bus Barn
12300 Anderson Valley Way
Boonville
Case No. 1TMC260

Mendocino County

The California Regional Water Quality Control Board, North Coast Region, (hereinafter Regional Water Board), finds that:

1. Anderson Valley Unified School District operates a school bus facility at 12300 Anderson Valley Way in Boonville. The facility includes bus fuel storage tanks. A 660-gallon underground gasoline tank at the bus facility failed a leak test on or about May 13, 1989. The failing gasoline tank was removed in the autumn of 1990. On or about July 29, 1993 a 1,000-gallon underground diesel tank was removed. Holes were noted in the bottom of the tank at the time of removal. Anderson Valley Unified School District is hereinafter referred to as the discharger.
2. The discharger has excavated an estimated 12,000 cubic yards of soil containing petroleum from the vicinity of the removed underground tanks, and has installed monitoring wells around the excavated area. The monitoring well data indicates that free floating petroleum hydrocarbon product is present in groundwater at the site when groundwater levels are low, and dissolved petroleum hydrocarbons are in groundwater. Benzene has been found to be present in concentrations as high as 2,000 ug/l (parts per billion, ppb). These levels are in excess of water quality objectives for protection of groundwater as set forth in the Water Quality Control Plan for the North Coast Region. Water Quality Objectives include State maximum contaminant levels. The maximum contaminant level for benzene established for drinking water for the protection of public health is 1 ppb.
3. Two nearby domestic wells and an onsite public drinking water system have been contaminated with up to 4,000 ppb benzene, which is in excess of the maximum contaminant level of 1 ppb established for drinking water for the protection of public health.
4. The site is located in the Anderson Valley of the Navarro River watershed. Anderson Valley contains alluvial deposits of gravel, sand, silt, and clay. The facility overlies shallow groundwater, with groundwater seasonally less than ten feet below the surface.

5. The Regional Water Board adopted the Water Quality Control Plan for the North Coast Basin. Beneficial uses of areal groundwater, as designated in the Water Quality Control Plan for the North Coast Region, include:
 - a. domestic water supply
 - b. agricultural water supply
 - c. industrial water supply
6. Benzene is a carcinogenic substance, and the maximum contaminant level developed by the State Department of Health Services for protection of public health is 1.0 part per billion.
7. State Water Resources Control Board Resolution 92-49 applies to the cleanup and abatement activities at this site.
8. The petroleum discharges to groundwater have caused nuisance and pollution, as defined by Section 13050(m) of the Porter-Cologne Water Quality Control Act (California Water Code).
9. The discharger has caused or permitted, causes or permits, or threatens to cause or permit waste to be discharged or deposited where it is, or probably will be, discharged into the waters of the state and creates, or threatens to create, a condition of pollution or nuisance, and shall, upon order of the Regional Water Board, clean up the waste or abate the effects of the waste, or, in the case of threatened pollution or nuisance, take other necessary remedial action, including, but not limited to, overseeing cleanup and abatement efforts.
10. This minor cleanup enforcement action is being taken for the protection of the environment and to enforce a general standard as set forth in the Basin Plan. Therefore, this enforcement action is exempt from provisions of the California Environmental Quality Act (Public Resources Code, Section 21000 et seq.) in accordance with Sections 15308, 15321, and 15330, Chapter 3, Title 14, California Code of Regulations.

THEREFORE, IT IS HEREBY ORDERED that, pursuant to California Water Code Sections 13267 and 13304, the discharger shall cleanup and abate the discharge and threatened discharge and mitigate nuisance conditions. The following investigation and cleanup tasks shall be completed under the direction of a California registered geologist or registered civil engineer experienced in soil and groundwater pollution investigation and cleanup. All work at the site shall be conducted in accordance with all local ordinances, and all necessary permits shall be acquired.

1. Mitigate pollution and nuisance conditions forthwith by providing, potable water, or taking equivalent measures, satisfactory to Mendocino County Health Department to restore full use of water to all residences with positive confirmation of petroleum hydrocarbons or oxygenates in well water.

2. Mitigate pollution and nuisance conditions forthwith by providing, potable water or taking equivalent measures, satisfactory to the California Department of Health Services to restore full use of water to all public water supplies with positive confirmation of petroleum hydrocarbons or oxygenates in well water.
3. A workplan containing proposed method and implementation schedule of an interim remediation system to remove separate phase petroleum hydrocarbons shall be submitted by May 15, 1999.
4. A workplan for a soil and groundwater investigation to define the extent of contamination shall be submitted by May 15, 1999. Utility trenches, ancient stream channels, unsealed wells, fractured bedrock, and other potential preferential pathways shall be identified and investigated during this phase of work.
5. A report of all known or suspected underground tanks ever installed on the site shall be submitted by May 15, 1999. This report shall include: location, size, fluid contents, period of use for each type of fluid, and ultimate fate of each tank.
6. The discharger shall comply with the enclosed Monitoring and Reporting Program No. 97-19 (revised on March 22, 1999).

If, for any reason, the discharger is unable to perform any activity or submit any document in compliance with the work schedule submitted and concurred by the Executive Officer, the discharger may request, in writing, an extension of the time as specified. The extension request shall include justification for the delay. An extension may be granted for good cause, in which case this Order will be accordingly revised.

Ordered by _____
Lee A. Michlin
Executive Officer